

10/534081

JCO6 Rec'd PCT/PTO 05 MAY 2005

## SEQUENCE LISTING

<110> FUKATSU, Kohji  
 SASAKI, Shinobu  
 HINUMA, Shuji  
 ITO, Yasuaki  
 SUZUKI, Nobuhiro  
 HARADA, Masataka  
 YASUMA, Tsuneo

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<150> JP 2002-324632

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Pro	Leu	Val	Thr	Gly	Tyr	Leu	Gly	Thr	Gly	Pro	Gly	Gln	Gly	Thr	Ile		
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Trp	Arg	Lys	Leu	Gly	Leu	Ile	Thr	Gly	Ala	Trp	Ser	Val	Val	Leu	Asn
	260		265		270										
Pro	Leu	Val	Thr	Gly	Tyr	Leu	Gly	Arg	Gly	Pro	Gly	Leu	Lys	Thr	Val
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Cys	Ala	Ala	Arg	Thr	Gln	Gly	Gly	Lys	Ser	Gln	Lys				
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 Gly Cys Ser Asp Leu Leu Leu Thr Val Ser Leu Pro Leu Lys Ala Val  
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 Gly Tyr Gln Ala Phe Arg Arg Pro Cys Tyr Ser Trp Gly Val Cys Ala  
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 Trp Arg Lys Leu Gly Leu Ile Thr Gly Ala Trp Ser Val Val Leu Asn  
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 Pro Leu Val Thr Gly Tyr Leu Gly Arg Gly Pro Gly Leu Lys Thr Val  
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Arg Ala Arg Leu Arg Leu Thr Pro Asn Leu Val Tyr Thr Leu His Leu
      35              40              45
Ala Cys Ser Asp Leu Leu Leu Ala Ile Thr Leu Pro Val Lys Ala Val
      50              55              60
Glu Ala Leu Ala Ser Gly Ala Trp Pro Leu Pro Leu Pro Leu Cys Pro
      65              70              75              80
Val Phe Val Leu Val His Phe Ala Pro Leu Tyr Ala Gly Gly Gly Phe
      85              90              95
Leu Ala Ala Leu Ser Ala Gly Arg Tyr Leu Gly Ala Ala Phe Pro Phe
      100             105             110
Gly Tyr Gln Ala Val Arg Arg Pro Arg Tyr Ser Trp Gly Val Cys Val
      115             120             125
Ala Ile Trp Ala Leu Val Leu Cys His Met Gly Leu Val Leu Gly Leu
      130             135             140
Glu Ala Pro Gly Gly Trp Leu Asn Thr Thr Ser Ser Ser Leu Gly Ile
      145             150             155             160
Asn Thr Pro Val Asn Gly Ser Pro Val Cys Leu Glu Ala Trp Asp Pro
      165             170             175
Asn Ser Ala Arg Pro Ala Arg Leu Ser Phe Ser Ile Leu Leu Phe Phe
      180             185             190
Val Pro Leu Val Ile Thr Ala Phe Cys Tyr Val Gly Cys Leu Arg Ala
      195             200             205
Leu Ala His Ser Gly Leu Ser His Lys Arg Lys Leu Arg Ala Ala Trp
      210             215             220
Ala Ala Gly Gly Ala Phe Leu Thr Leu Leu Leu Cys Leu Gly Pro Tyr
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Asn Ala Ser Asn Val Ala Ser Phe Val Asn Pro Asp Leu Gly Gly Ser
      245             250             255
Trp Arg Lys Leu Gly Leu Ile Thr Gly Ser Trp Ser Val Val Leu Asn
      260             265             270
Pro Leu Val Thr Gly Tyr Leu Gly Ala Ser Pro Gly Arg Gly Thr Val
      275             280             285
Cys Thr Thr Arg Thr Gln Gly Gly Thr Ile Gln Lys
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<213> Artificial Sequence

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<223> Designed oligonucleotide primer to amplify DNA encoding monkeyGRP40

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<220>

<223> n stands for deoxy ribothymidine

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<210> 24

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3119

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His Ala Lys Leu Arg Leu Thr Pro Ser Leu Val Tyr Thr Leu His Leu  
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Gly Cys Ser Asp Leu Leu Leu Ala Ile Thr Leu Pro Leu Lys Ala Val  
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Glu Ala Leu Ala Ser Gly Ala Trp Pro Leu Pro Leu Pro Phe Cys Pro  
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Gly Tyr Gln Ala Ile Arg Arg Pro Arg Tyr Ser Trp Gly Val Cys Val  
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Leu Val Arg Ser Gly Leu Ser His Lys Arg Lys Leu Arg Ala Ala Trp  
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Val Ala Gly Gly Ala Leu Leu Thr Leu Leu Leu Cys Leu Gly Pro Tyr  
225 230 235 240  
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245 250 255  
Trp Arg Lys Leu Gly Leu Ile Thr Gly Ala Trp Ser Val Val Leu Asn  
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 His Ala Lys Leu Arg Leu Thr Pro Ser Leu Val Tyr Thr Leu His Leu  
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 His Ala Arg Leu Arg Leu Thr Pro Ser Leu Val Tyr Ala Leu Asn Leu  
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 Gly Cys Ser Asp Leu Leu Leu Thr Val Ser Leu Pro Leu Lys Ala Val

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 Gly Tyr Gln Ala Phe Arg Arg Pro Cys Tyr Ser Trp Gly Val Cys Ala  
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 Glu Ala Pro Gly Gly Trp Leu Asp His Ser Asn Thr Ser Leu Gly Ile  
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 Ala Ser Ala Gly Pro Ala Arg Phe Ser Leu Ser Leu Leu Leu Phe Phe  
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 Val Ala Gly Gly Ala Leu Leu Thr Leu Leu Leu Cys Val Gly Pro Tyr  
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 Gly Cys Ser Asp Leu Leu Leu Thr Val Ser Leu Pro Leu Lys Ala Val  
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 Glu Ala Leu Ala Ser Gly Ala Trp Pro Leu Pro Ala Ser Leu Cys Pro  
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 Gly Tyr Gln Ala Phe Arg Arg Pro Cys Tyr Ser Trp Gly Val Cys Ala  
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 Ala Ile Trp Ala Leu Val Leu Cys His Leu Gly Leu Val Phe Val Leu  
 130 135 140  
 Glu Ala Pro Gly Gly Trp Leu Asp His Ser Asn Thr Ser Leu Gly Ile

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145                      150                      155                      160  
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 Ala Cys Ser Asp Leu Leu Leu Ala Ile Thr Leu Pro Val Lys Ala Val  
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 Glu Ala Leu Ala Ser Gly Ala Trp Pro Leu Pro Leu Pro Leu Cys Pro  
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 Val Phe Val Leu Val His Phe Ala Pro Leu Tyr Ala Gly Gly Gly Phe  
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 Gly Tyr Gln Ala Val Arg Arg Pro Arg Tyr Ser Trp Gly Val Cys Val  
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